Title (en)
EVAPORATOR BOAT FOR A SUBSTRATE-COATING APPARATUS

Publication
EP 0546248 A3 19941228 (DE)

Application
EP 92111365 A 19920703

Priority
DE 4139792 A 19911203

Abstract (en)
[origin: EP0546248A2] In an evaporator boat (4) for a substrate-coating apparatus in a vacuum coating chamber (Figure 2), consisting of a flat, trough-shaped part made of an electrically conductive material, the boat being heatable by the direct passage of current, the evaporator boat (4) has an essentially diamond- or rhomboid-shaped horizontal projection, the configuration of the recess (5) for receiving the material to be evaporated corresponding approximately to that of the boat (4), and two diametrically opposite corners of the evaporator boat each being provided with an approximately rectangular, vertical flattened section which jointly form the two parallel clamping faces (6, 6') of the evaporator boat (4), so that, when the evaporator boat (4) has heated up, effective evaporation zones (A', A'') form on both sides of the contact point (T') between the feed wire and the evaporator boat (4). <IMAGE>

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C23C 14/26

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C23C 14/26 (2006.01); **C23C 14/24** (2006.01)

CPC (source: EP KR US)
C23C 14/243 (2013.01 - EP US); **H01L 21/223** (2013.01 - KR)

Citation (search report)
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- [A] PATENT ABSTRACTS OF JAPAN vol. 1, no. 9 (C - 002) 17 March 1977 (1977-03-17)

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